

ABSTRACT

A controllable optical switching module (OSM) has at least N optical inputs (i1 to iN) and at least N optical outputs (e1 to eN) for selectively switching through optical signals (os1 to osN), with a respective optical signal (os1 to osN) being able to be switched through from an optical input (i1 to iN) via a respective switching point (SP) in a switching matrix (SM) to an optical output (e1 to eN) using a control unit (CU). The order of the arrangement of the optical inputs (i1 to iN) is determined by virtue of the respective attenuation (A1 to AN) produced when the optical signals (os1 to osN) are switched through from an optical input (i1 to iN) via a switching point (SP) to an optical output (e1 to eN) increasing or decreasing from the first to the Nth optical input (i1 to iN).